

METHOD AND SYSTEM FOR DATA LOSS DETECTION AND RECOVERY IN
WIRELESS COMMUNICATION PROCESS

ABSTRACT OF THE DISCLOSURE

A remedy for data loss generated during a wireless communication process is to incorporate a data sequence identification field into a data frame to be transmitted from a wireless transmitting end to a wireless receiving end. The data sequence identification field contains a first data value representing a sequence number of the data frame, and the wireless receiving end records a second data value representing the sequence number of the data frame next to the last data frame the wireless receiving end has received. The wireless receiving end compares the first data value with the second value to determine whether the received data frame is a succession of the last data frame the wireless receiving end has received, so as to remind the user of the lost data frame by generating alarm signal or send retransmission request signal to request the wireless transmitting end to retransmit the lost data frame.